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广东省蚱科一新属一新种(直翅目)

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本文记述采自广东省南昆山及龙头山的蚱科一新属一新种。模式标本保存于中山大学昆虫研究所标本室。

扁角蚱属 *Flatocerus* Liang et Zheng 新属

头不向前突出。头顶宽与一只复眼等宽。颜面隆起在触角间向前突出。触角 12 节位于复眼下缘,近似丝状;近顶端五节明显侧扁扩大,似长方形。前胸背板屋脊形,上缘侧观呈弧形,肩角不明显,前缘中央明显呈角形突出,后突超过后足股节,侧片后角向下。前翅长卵形,后翅发达,不到达或略超过前胸背板后突顶端。前足股节侧扁,上方具隆脊;后足股节粗短,第一跗节与第三跗节长度相等。

模式种:南昆山扁角蚱 *Flatocerus nankunshanensis* Liang et Zheng, sp. nov.

本属与 *Phaestus* Boliver 近似,主要区别比较如表 1。

表 1 *Phaestus* Boliver 与 *Flatocerus* gen. nov. 主要区别比较

Phaestus Boliver	*Flatocerus* gen. nov.
头顶狭于一复眼宽	等于一复眼宽
触角近顶端三节卵形扩大	近顶端五节近长方形扩大
前胸背板前缘略圆形突出	明显角形突出
前胸背板侧面观上缘较平	上缘呈弧形
后翅超过前胸背板后突顶端	不到达或略超过后突顶端

南昆山扁角蚱 *Flatocerus nankunshanensis* 新种

雌性:体小型,具小颗粒。颜面垂直。颜面隆起在触角间向前突出;纵沟深;侧缘平行。触角 12 节位于复眼下缘,近似丝状;近顶端五节明显侧扁,各节呈长方形至长卵形,顶节尖细。头顶宽等于一只复眼的宽度。复眼球形突出。前胸背板中隆线高,呈片状隆起,侧面观上缘呈弧形;前缘中央呈钝角形突出;肩角不明显;后突超过后足股节;侧片后缘具两个凹陷,后角向下。前翅长卵形,后翅发达,不到达、到达或略超过前胸背板后突的顶端。前足股节侧扁,上方具隆脊。后足股节粗短,其长度为其最宽处的 2.5 倍;上缘近端半具细齿及两个大尖齿,下缘具不明显的细齿,外侧具小颗粒。后足胫节外侧具 4—7 刺,无外端刺;内侧具 5—8 刺。后足第一跗节与第三跗节长度相等;第一跗节之下三个爪

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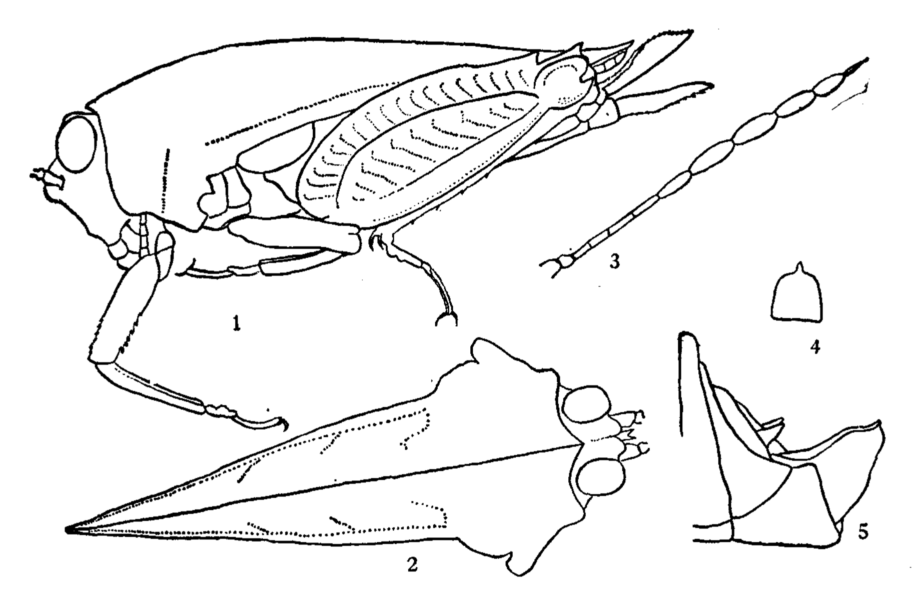


图 1—5　南昆山扁角蚱 *Flatocerus nankunshanensis* sp. nov.
1.雌性侧面观 2.头及前胸背板背面(♀) 3.触角(♀) 4.雌性下生殖板 5.雄性腹端侧面。

垫钝，几等长。产卵瓣细长，上、下瓣外缘均具明显的细齿。下生殖板后缘中央呈锐角突出。

体暗褐色。触角黑褐色，但基部四、五节色略淡，顶节淡黄色。前胸背板上缘及后足跗节均呈淡黄色。

雄性：体色与构造同雌性。但后翅均超过前胸背板后突。后足胫节外侧具刺 5—8 个，内侧 6—8 个。下生殖板短锥形。

体长：♂9.8—11mm；♀12.5—13.4mm。触角长：♂7.5—8mm；♀7.5—8 mm。前胸背板长：♂10.5—11.5mm；♀10.5—11.5mm。后足股节长：♂5.5—6.5；♀5.6—6.5 毫米。

正模♀，广东省南昆山，1982. VI.17，梁铭球采。配模♂，广东省曲江县龙头山，1947. VI.11，嘉理思采。副模 3♂♂，龙头山，2,000 米，1947. VII.17；1♂，龙头山，2,000 米，1947. VII.7；2♂♂，龙头山，1947. VI；4♀♀，龙头山，2,000 米，1947. VII.7；1♀，龙头山，900 米，1947. VI.9；1♀，龙头山，1947. VI. 嘉理思等采。

A NEW GENUS AND A NEW SPECIES OF TETRIGIDAE FROM GUANGDONG PROVINCE (ORTHROPTERA: TETRIGIDAE)

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In the present paper, a new genus and a new species of Tetrigidae are described

from Guangdong Province.

Type specimen is deposited in the Institute of Entomology, Zhongshan University.

***Flatocerus* gen. nov.**

Type species: *Flatocerus nankunshanensis* sp. nov.

The new genus is allied to *Phaestus* Boliver but differs in the characters listed in Table 1.

Table 1. Characters differentiating Gen. *Phaestus* and *Flatocerus*.

Phaestus Boliver	*Flatocerus* gen. nov.
Vertex not at all wider than one of the eyes.	Vertex equal to one of the eyes
Antennae filiform, the three anteapical articles compresso-dilated, oval, foliaceous.	The five anteapical articles compresso-dilated, nearly oblong.
Front margin of the pronotum subrounded produced.	Front margin of the pronotum angularly produced.
Dorsum of pronotum substraight viewed in profile.	Dorsum of pronotum arcuate viewed in profile.
Wings extended backwards beyond the apex of the pronotal process.	Wings not reaching or extended beyond the apex of the pronotal process.

***Flatocerus nankunshanensis* sp. nov.**

Female: Body small, granulate. Frontal costa produced between the antennae. Antennae 12 filiform articles inserted the lower border of the eyes, the five anteapical articles compressodilated, nearly oblong. Vertex equal to one of the eyes. Pronotum tectiform, dorsal margin viewed in profile arcuate; front margin angularly produced; hind process beyond the apex of the hind femur; humeral angles wanting; the posterior angles of the lateral lobes turned downwards, two notches behind. Elytra oblong; wings not reaching or extended beyond the apex of the pronotal process. Hind femora cross, in length about 2.5 times its maximum width. Hind tibia with four to seven outer and five to eight inner spines; without outer apical spine. The first and third joints of the hind tarsi nearly equal in length. General coloration dark brown.

Male: Allied to female.

Length of body: ♂ 9.8—11 mm. ♀ 12.5—13.4 mm.

Length of antenna: ♂ 7.5—8 mm. ♀ 7.5—8 mm.

Length of pronotum: ♂ 10.5—11.5 mm. ♀ 10.5—11.5 mm.

Length of hind femur: ♂ 5.5—6.5 mm. ♀ 5.6—6.5 mm.

Holotype ♀, Nankun Mountain, Guangdong Province. 17. VI. 1982., collected by Liang Ge-qiu. Allotype ♂, Longtau Mountain, Guangdong Province. 17. VI 1947., collected by J. L. Gressitt. Paratypes 6 ♂♂, 6♀♀, Longtau Mountain, 900—2000 M., 9. VI. 1947. 9. VII. 1947., collected by J. L. Gressitt etc.